



Patent Application
Attorney Docket No.: 57983.000051
Client Reference No.: 14375ROUS02U

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: :
:
How Kee Au et al. : Group Art Unit: 2633
:
Appln. No.: 09/972,911 :
: Examiner: Nathan M. Cure
Filed: October 10, 2001 :
:
For: DISTRIBUTED PHOTONIC SWITCH :
AND OPTICAL UNI SERVER | 09/30/2005 JADD01 00000008 09972911
| 01 FC:1806 180.00 OP
Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the duty under 37 C.F.R. § 1.56 of each individual associated with the filing and prosecution of the above-identified patent application (hereinafter, "associated individuals") to disclose all information known to that individual to be material to patentability, Applicant(s) hereby submits attached Form PTO-1449 (modified) listing cited references. This submission is made in accordance with 37 C.F.R. §§ 1.97 and 1.98 and M.P.E.P. § 609.

The cited references, while believed to be of some relevance, are not necessarily considered to teach or suggest any aspect of the invention described and claimed in the above-identified patent application. Applicant(s) hereby expressly

reserves the right to swear behind the effective dates of any of the cited references. Applicant(s) further reserves the right to question the relevance, materiality, and/or prior art status of any of the cited references in whole, in part, or in combination, subsequent to the filing of this information disclosure statement. This information disclosure statement is also not to be construed as a representation that a search has, or has not, been conducted or that no better art exists. Rather, this information disclosure statement discloses only the best references of which the associated individuals are aware.

The Examiner is respectfully requested to consider each of the cited references, to indicate such consideration by initialing in the space provided next to each cited reference on the enclosed Form PTO-1449 (modified), to sign the initialed Form PTO-1449 (modified), and to return a copy of the same with the next communication to the Applicant(s).

In accordance with 37 C.F.R. § 1.98(a), only copies of the cited references which are not U.S. patents or U.S. patent application publications are being submitted herewith. However, copies of the cited references which are U.S. patents or U.S. patent application publications will be submitted at the request of the Examiner. In considering these cited references, it may be noted by the Examiner that certain of the references may

contain markings, underlinings, and/or other notations. These markings, underlinings, and/or other notations are not to be construed as drawing the Examiner's attention either to selected parts or away from other parts of these cited references. Any such markings were either present on the copies of these cited references when obtained by the associated individuals, or were made thereon during the study of these cited references by the associated individuals.

In accordance with 37 C.F.R. § 1.97(c), this information disclosure statement is being filed (i) before the mailing date of a final Office Action for the above-identified patent application; (ii) before the mailing date of a Notice of Allowance for the above-identified patent application; or (iii) before the mailing date of an Office Action that otherwise closes prosecution in the above-identified patent application. Accordingly, this information disclosure statement is accompanied by a check or an authorization to charge the information disclosure statement submission fee of \$180.00 under 37 C.F.R. § 1.17(p) to Deposit Account No. 50-0206.

Please charge any shortage in fees due in connection with the filing of this communication to Deposit Account No. 50-0206, and please credit any excess fees to such deposit account.

Patent Application
Attorney Docket No.: 57983.000051
Client Reference No.: 14375ROUS02U

Respectfully submitted,

Hunton & Williams LLP

By: 

Thomas E. Anderson

Registration No. 37,063

TEA/vrp

Hunton & Williams LLP
1900 K Street, N.W.
Washington, D.C. 20006-1109
Telephone: (202) 955-1500
Facsimile: (202) 778-2201

Date: September 29, 2005



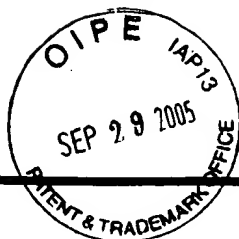
| | | | |
|--|---------------|-------------------------------|-------------------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | Application Number | 09/972,911 |
| | | Filing Date | October 10, 2001 |
| | | First Named Inventor | How Kee Au |
| | | Art Unit | 2633 |
| | | Examiner Name | Nathan M. Cure |
| Sheet | 1 of 3 | Attorney Docket Number | 57983.00051 |

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

| *Examiner Initials | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | TRANSLATION | |
|-----------------------|-------------|---|-------------------------------------|--------------------------|
| | | | YES | NO |
| | 1. | D. BRUNGARD, "Requirements for Generalized MPLS (GMPLS) Routing for Automatically Switched Optical Network (ASON)", http://www.ietf.org/internet-drafts/draft-ietf-ccamp-gmpls-ason-routing-reqts-05.txt , October 2004. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 2. | O. GERSTEL, et al. "Optical Layer Survivability: an Implementation Perspective", IEEE Journal on Selected Areas in Communications, Vol. 18, No. 10, Oct. 2000, pp. 1885-1899. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 3. | L. BERGER, "Generalized Multi-Protocol Label Switching (GMPLS) Signaling Functional Description," http://www.ietf.org/rfc/rfc3471.txt , January 2003. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 4. | M. MAYER, "First Draft of Gason," CONTRIBUTION TO T1 STANDARDS PROJECTS, T1X1.5/2000-128, March 2000. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 5. | M. Mayer, "Further Discussion of Requirements for Automatically Switched Optical Channel Networks<" CONTRIBUTION TO TI STANDARDS PROJECT, t1X1.5/2000-32m January 2000. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 6. | R. Ramaswami, et al. "Optical Networks: A Practical Perspective", Morgan Kaufmann Publishers, Inc. San Francisco, CA, http://www.e-tba.com/books/optical-networks-practical-perspective.htm , October 15, 2001. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 7. | J. Lang, et al. "Link Management Protocol (LMP) ", IETF draft draft-lang-mpls-lmp-02.txt, ftp://ftp.isi.edu/internet-drafts/draft-ietf-ccamp-lmp-10.txt , October 2003. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 8. | D. GRIFFITH, "A Comparison of RSVP-TE and CR-LDP", Optical Internetworking Forum (OIF) contribution OIF2000.179, August 2000 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 9. | P. BRITTAIN et al., "MPLS Traffic Engineering: A Choice of Signaling Protocols", white paper of Data Connection Limited, http://www.dataconnections.com , January 2000. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 10. | E. ROSEN, et al. "Multiprotocol Label Switching Architecture", IETF RFC 3031, http://www.ietf.org/rfc/rfc3031.text?number=3031 , January 2001. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 11. | L. ANDERSSON, et al. "LDP Specification", IETF RFC 3036, http://www.ietf.org/rfc/rfc3036.tex?number=3036 , January 2001 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

| | |
|---------------------------|------------------------|
| EXAMINER SIGNATURE | DATE CONSIDERED |
|---------------------------|------------------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

| | |
|-------------------------------|-------------------------|
| Application Number | 09/972,911 |
| Filing Date | October 10, 2001 |
| First Named Inventor | How Kee Au |
| Art Unit | 2633 |
| Examiner Name | Nathan M. Cure |
| Attorney Docket Number | 57984.000051 |

Sheet **2 of 3**

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

| *Examiner Initials | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | TRANSLATION | |
|-----------------------|-------------|---|-------------------------------------|--------------------------|
| | | | YES | NO |
| | 12. | D. AWDUCHE, et al. "Requirements for Traffic Engineering Over MPLS", IETF RFC 2072, http://www.ietf.org/rfc/rfc2702.txt?number=2702 , September 1999. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 13. | B. JAMOUSSEI, et al. "Constraint-Based LSP Setup Using LDP", IETF draft draft-ietf-mpls-cr-ldp-04.txt, http://www.ietf.org/rfc/rfc3212.txt?number=3212 , July 2002. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 14. | Y. FAN et al., "Extensions to CR-LDP and RSVP-TE for Optical Path Set-up" draft-fan-mpls-lambda-signaling-00.txt, IETF Draft, March 2000 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 15. | E. MANNIE, "Generalized Multi-Protocol Label Switching (GMPLS) Architecture," IETF Draft, http://www.ietf.org/rfc/rfc3945.txt?number=3945 , October 2004. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 16. | "User Network Interface (UNI) 1.0 Signaling Specification, The Optical Internetworking Forum, 2001. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 17. | G. WANG, et al., "Extensions to OSPF/IS-IS for Optical Routing", draft-wang-isis-lambda-te-routing-00.txt, March 2000 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 18. | Draft ITU-T Recommendation G.872, "Architecture of Optical Transport Networks," Series G: Transmission Systems and Media, Digital Systems and Networks, Digital Networks - Optical Transport Networks, November 2001 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 19. | C. Wright, "User Network Interface (UNI) 1.0 Interoperability Test Plan", Internet Draft, "OIF2001.081", January 2001. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 20. | P. ASHWOOD-SMITH, "Generalized Multi-Protocol Label Switching (GMPLS) Signaling Constraint-based Routed Label Distribution Protocol (CR-LDP) Extensions", The Internet Society, http://www.ietf.org/rfc/rfc3472.txt , January 2003. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 21. | J. ASH, "LSP Modification Using CR-LDP", The Internet Society, http://www.ietf.org/rfc/rfc3214.txt , January 2002. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 22. | B. FOX, "Virtual Private Networks Identifier," The Internet Society, http://www.faqs.org/rfcs/rfc2685.html , September 1999 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



| | | | |
|--|---------------|-------------------------------|-------------------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | Application Number | 09/972,911 |
| | | Filing Date | October 10, 2001 |
| | | First Named Inventor | How Kee Au |
| | | Art Unit | 2633 |
| | | Examiner Name | Nathan M. Cure |
| Sheet | 3 of 3 | Attorney Docket Number | 57983.000051 |

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

| *Examiner Initials | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | TRANSLATION | |
|-----------------------|-------------|--|-------------------------------------|--------------------------|
| | | | YES | NO |
| | 23. | Draft_routing_isis.txt | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> |

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.